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PENDING CLAIMS AS AMENDED

1. (Currently Amended) A method for scheduling transmission on a link in a communication system, comprising:
transmitting data on a first link in the communication system; [[and]]
determining a transmission schedule based on a feedback relationship or a pre-scheduled transmission; and
transmitting scheduling information on the first link in the communication system.
2. (Original) The method as claimed in claim 1, wherein said transmitting scheduling information on the first link in the communication system comprises:
transmitting scheduling information together with said transmitted data on the first link in the communication system.
3. (Currently Amended) A method for scheduling transmission on a link in a communication system, comprising:
transmitting data on a first link in the communication system; [[and]]
determining a transmission schedule based on a feedback relationship; and
scheduling transmission on the link in the communication system in accordance with a reception of said transmitted data on the first link.
4. (Original) The method as claimed in claim 3, wherein said scheduling transmission on the link in the communication system in accordance with a reception of said transmitted data on the first link comprises:
scheduling transmission on the link in the communication system at a first time instance delayed by a pre-determined amount from a time instance of the reception of said transmitted data on the first link.

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5. (Original) The method as claimed in claim 3 further comprising:
ascertaining the link capacity at a base station expecting said scheduled transmission on the link in the communication system in accordance with the reception of said transmitted data on the first link; and
transmitting, on the first link in the communication system, a change to at least one parameter of said scheduled transmission when said ascertained link capacity does not support said scheduled transmission.
6. (Original) The method as claimed in claim 5, wherein said transmitting, on the first link in the communication system, a change to at least one parameter of said scheduled transmission when said ascertained link capacity does not support said scheduled transmission comprises:
transmitting, on the first link in the communication system, a change to at least one parameter of said scheduled transmission together with said transmitted data.
7. (Original) A method for scheduling transmission on a link in a communication system, comprising:
ascertaining the link capacity at a base station expecting a pre-scheduled transmission of data on the link; and
proceeding in accordance with said ascertained link capacity.
8. (Currently Amended) The method as claimed in claim 7, wherein said proceeding comprises:
abstaining [[form]] from transmitting scheduling information on [[the]] a first link when said ascertained link capacity supports the pre-scheduled transmission of data.
9. (Currently Amended) The method as claimed in claim 8 further comprising:
transmitting re-scheduling information on [[the]] a first link when said ascertained link capacity does not support the pre-scheduled transmission of data.

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10. (Original) The method as claimed in claim 7, wherein said proceeding comprises:
transmitting, on the first link, authorization for the pre-scheduled transmission of data
when said ascertained link capacity supports the pre-scheduled transmission of data.
11. (Original) The method as claimed in claim 10 further comprising:
transmitting re-scheduling information on the first link when said ascertained link
capacity does not support the pre-scheduled transmission of data.
12. (Currently Amended) An apparatus for scheduling transmission on a link in a
communication system, comprising:
a transmitter;
a processor; and
a storage medium coupled to the processor and containing a set of instructions executable
by the processor to cause the transmitter to transmit data on a first link in the communication
system, determine a transmission schedule based on a feedback relationship or a pre-scheduled
transmission; and cause the transmitter to transmit scheduling information on the first link in the
communication system.
13. (Original) The apparatus as claimed in claim 12, wherein the set of instructions
executable by the processor to cause the transmitter to transmit data on a first link in the
communication system comprises a set of instructions executable by the processor to cause the
transmitter to transmit the scheduling information together with the transmitted data on the first
link in the communication system.
14. (Currently Amended) An apparatus for scheduling transmission on a link in a
communication system, comprising:
a transmitter configured to transmit data on a first link in the communication system;
a processor; and
a storage medium coupled to the processor and containing a set of instructions executable
by the processor to determine a transmission schedule based on a feedback relationship or a pre-

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scheduled transmission; and to schedule transmission on the link in the communication system in accordance with a reception of the transmitted data on a first link.

15. (Original) The apparatus as claimed in claim 14, wherein the set of instructions executable by the processor to schedule transmission on the link in the communication system in accordance with a reception of the transmitted data on a first link comprises a set of instructions executable by the processor to schedule transmission on the link in the communication system at a time instance delayed by a pre-determined amount from a time instance of the reception of the transmitted data on the first link.

16. (Original) The apparatus as claimed in claim 14 further comprising:

a second processor; and

a second storage medium coupled to the second processor and containing a set of instructions executable by the second processor to ascertain the link capacity at a base station expecting the scheduled transmission on the link in the communication system in accordance with the reception of the transmitted data on the first link; and cause the transmitter to transmit, on the first link in the communication system, a change to at least one parameter of the scheduled transmission when the ascertained link capacity does not support the scheduled transmission.

17. (Original) The apparatus as claimed in claim 16, wherein the set of instructions executable by the second processor to cause the transmitter to transmit, on the first link in the communication system, a change to at least one parameter of the scheduled transmission when the ascertained link capacity does not support the scheduled transmission comprises a set of instructions to cause the transmitter to transmit, on the first link in the communication system, a change to at least one parameter of the scheduled transmission together with the transmitted data.

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18. (Original) An apparatus for scheduling transmission on a link in a communication system, comprising:
a processor;
a storage medium coupled to the processor and containing a set of instructions executable by the processor to ascertain the link capacity at a base station expecting transmission of a pre-scheduled data on the link, and proceed in accordance with the ascertained link capacity.
19. (Currently Amended) The apparatus as claimed in claim 18 further comprising a transmitter, wherein the set of instructions executable by the processor to proceed in accordance with the ascertained link capacity comprises a set of instructions executable by the processor to abstain from transmitting scheduling information on ~~[[the]]~~ a first link when the ascertained link capacity supports the pre-scheduled transmission of data.
20. (Original) The apparatus as claimed in claim 19, wherein the set of instructions further comprises a set of instructions executable by the processor to cause the transmitter to transmit re-scheduling information on the first link when the ascertained link capacity does not support the pre-scheduled transmission of data.
21. (Currently Amended) The apparatus as claimed in claim 18 further comprising a transmitter, wherein the set of instructions executable by the processor to proceed in accordance with the ascertained link capacity comprises a set of instructions executable by the processor to cause the transmitter to transmit authorization for the pre-scheduled transmission of data on ~~[[the]]~~ a first link when the ascertained link capacity supports pre-scheduled transmission of data.
22. (Original) The apparatus as claimed in claim 21, wherein the set of instructions further comprises a set of instructions executable by the processor to cause the transmitter to transmit re-scheduling information on the first link when the ascertained link capacity does not support the pre-scheduled transmission of data.